(FILE 'HOME' ENTERED AT 22:25:02 ON 23 DEC 2004) FILE 'REGISTRY' ENTERED AT 22:39:34 ON 23 DEC 2004 STRUCTURE UPLOADED L150 S L1 L2L3STRUCTURE UPLOADED 50 S L3 L4STRUCTURE UPLOADED L5L6 3 S L5 96 S L5 FULL ь7 FILE 'CAPLUS, CAOLD, USPATFULL' ENTERED AT 22:47:09 ON 23 DEC 2004 $\Gamma8$ 45 S L7 Ь9 26 S L8 AND PY<2000 FILE 'STNGUIDE' ENTERED AT 22:47:59 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 22:54:01 ON 23 DEC 2004 FILE 'STNGUIDE' ENTERED AT 22:54:08 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 22:55:21 ON 23 DEC 2004 FILE 'STNGUIDE' ENTERED AT 22:55:27 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 22:59:57 ON 23 DEC 2004 L10 4 S L8 AND PY=2000 STRUCTURE UPLOADED L11 FILE 'REGISTRY' ENTERED AT 23:06:43 ON 23 DEC 2004 L1225 S L11 STRUCTURE UPLOADED L13 L142 S L13 79 S L13 FULL L15 FILE 'CAPLUS, CAOLD, USPATFULL' ENTERED AT 23:10:44 ON 23 DEC 2004 392 S L15 L16 L17 255 S L16 AND PY<2000 232 S L17 AND PY<1999 L18 23 S L17 NOT L18 L19 FILE 'STNGUIDE' ENTERED AT 23:15:29 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 23:17:11 ON 23 DEC 2004 FILE 'STNGUIDE' ENTERED AT 23:17:12 ON 23 DEC 2004 FILE 'CAPLUS' ENTERED AT 23:17:20 ON 23 DEC 2004 FILE 'STNGUIDE' ENTERED AT 23:17:20 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 23:18:12 ON 23 DEC 2004 FILE 'STNGUIDE' ENTERED AT 23:18:13 ON 23 DEC 2004 FILE 'CAPLUS, USPATFULL' ENTERED AT 23:19:12 ON 23 DEC 2004

FILE 'STNGUIDE' ENTERED AT 23:19:13 ON 23 DEC 2004

FILE 'CAPLUS, USPATFULL' ENTERED AT 23:20:44 ON 23 DEC 2004

FILE 'STNGUIDE' ENTERED AT 23:20:45 ON 23 DEC 2004

SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS, USPATFULL' ENTERED AT 23:25:27 ON 23 DEC 2004 L21 348 S 67469-78-7/BI

FILE 'STNGUIDE' ENTERED AT 23:27:01 ON 23 DEC 2004 L22 0 S L21 AND PY=1998

FILE 'CAPLUS, USPATFULL' ENTERED AT 23:29:38 ON 23 DEC 2004 L23 16 S L21 AND PY=1998

FILE 'STNGUIDE' ENTERED AT 23:29:59 ON 23 DEC 2004

=> d 15

L5 HAS NO ANSWERS

L5 STR

G1 C,H

G2 OH,N

Structure attributes must be viewed using STN Express query preparation.

=> d 113

L13 HAS NO ANSWERS

L13 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

```
C:\Program Files\Stnexp\Queries\jtest6.str
```

```
chain nodes :
   2 3 15 16 17
                   18
                       25
                           30
                              31
ring nodes :
   1 4 5 6 7 8
                   9
                      10 11 12
                                 13 14 19 20 21
                                                  22
                                                       23
                                                          24
                                                                  33
   34 35 36 37
chain bonds :
   1-2 2-3 2-4 3-17 7-15 12-16 17-18 18-19
                                              22-25 25-30
   31-32
ring bonds :
   1-10 1-14 4-5 4-9 5-6 6-7 7-8 8-9
                                         10-11
                                               11-12
                                                      12-13
                                                            13-14
   19-20 19-24 20-21 21-22 22-23 23-24
                                        32-33
                                              32-37
                                                      33-34
   35-36 36-37
exact/norm bonds :
   1-2 2-3 2-4 3-17 7-15
                           12-16 17-18 18-19 19-20
                                                     19-24
                                                           20-21
   21-22 22-23 22-25 23-24 25-30
                                  30-31
                                         31-32
normalized bonds :
   1-10 1-14 4-5 4-9 5-6 6-7 7-8 8-9
                                         10-11 11-12 12-13 13-14
   32-33 32-37 33-34 34-35 35-36 36-37
```

G1:C, N

```
Hydrogen count :
    2:= exact 1   5:= exact 1   6:= exact 1   8:= exact 1   9:= exact 1
    10:>= minimum 1   11:>= minimum 1   13:>= minimum 1   14:= exact 1
    17:= exact 2   18:= exact 2   20:>= minimum 2   21:>= minimum 2
    23:>= minimum 2   24:>= minimum 2   33:>= minimum 1   34:>= minimum 1
    35:>= minimum 1   36:>= minimum 1   37:>= minimum 1
```